California Department of Conservation

FARMLAND MAPPING AND MONITORING PROGRAM

# SOIL CANDIDATE LISTING

**for**

# PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE

## RIVERSIDE COUNTY

U.S. Department of Agriculture, Natural Resources Conservation Service, soil surveys for Riverside County include:

Soil Survey of Orange County and Western Part of Riverside County, California, September 1978

Soil Survey, Western Riverside Area, California, November 1971

Soil Survey of Palo Verde Area, California, November 1974

Soil Survey of Riverside County, California, Coachella Valley Area, September 1980

Soil Survey, San Diego Area, California, December 1973

**Beginning in 2002, SSURGO digital soil information has been incorporated into the Riverside County Important Farmland Map. Prior versions of the map have not been modified.**

**The SSURGO data includes Orange County and Western Part of Riverside County (published 1/12/2005), Western Riverside Area (published 1/11/2005), Palo Verde Area (published 4/20/2004), Riverside County, Coachella Valley Area (published 12/07/2004) and San Diego Area (published 6/16/2004). The digital surveys contain additional soil units beyond those published in the original paper surveys. Soils on the Prime and Statewide lists that only occur in the SSURGO data are appended to this list in italics.**
**For more information on the NRCS SSURGO data, please see:**
**http://www.ftw.nrcs.usda.gov/ssur_data.html**

8/1/95, updated 8/23/05

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
DAVIS, CALIFORNIA 95616

THESE SOIL MAPPING UNITS MEET THE CRITERIA FOR PRIME FARMLAND AS OUTLINED IN THE U.S. DEPARTMENT OF AGRICULTURE'S LAND INVENTORY AND MONITORING (LIM) PROJECT FOR THE ORANGE COUNTY AND WESTERN PART OF RIVERSIDE COUNTY; WESTERN RIVERSIDE AREA; PALO VERDE AREA; RIVERSIDE COUNTY, COACHELLA VALLEY AREA; AND SAN DIEGO AREA SOIL SURVEYS.

ORANGE COUNTY AND WESTERN PART OF RIVERSIDE COUNTY

| Symbol | Name |
|---|---|
| 122 | Bolsa silt loam |
| 123 | Bolsa silt loam, drained |
| 124 | Bolsa silty clay loam |
| 125 | Bolsa silty clay loam, drained |
| 132 | Botella clay loam, 2 to 9 percent slopes |
| 135 | Capistrano sandy loam, 2 to 9 percent slopes |
| 139 | Chino silty clay loam |
| 140 | Chino silty clay loam, drained |
| 146 | Corralitos loamy sand |
| 147 | Corralitos loamy sand, moderately fine substratum |
| 148 | Cropley clay, 0 to 2 percent slopes |
| 149 | Cropley clay, 2 to 9 percent slopes |
| 155 | Garretson gravelly very fine sandy loam, 2 to 9 percent slopes |
| 156 | Hanford sandy loam, 2 to 9 percent slopes |
| 157 | Hueneme fine sandy loam |
| 158 | Hueneme fine sandy loam, drained |

ORANGE COUNTY AND WESTERN PART OF RIVERSIDE COUNTY continued

| Symbol | Name |
|---|---|
| 161 | Marina loamy sand, 0 to 2 percent slopes |
| 162 | Marina loamy sand, 2 to 9 percent slopes |
| 163 | Metz loamy sand |
| 164 | Metz loamy sand, moderately fine substratum |
| 165 | Mocho sandy loam, 0 to 2 percent slopes |
| 166 | Mocho loam, 0 to 2 percent slopes |
| 168 | Modjeska gravelly loam, 0 to 2 percent slopes |
| 169 | Modjeska gravelly loam, 2 to 9 percent slopes |
| 186 | Ramona fine sandy loam, 2 to 9 percent slopes |
| 188 | Rincon clay loam, 2 to 9 percent slopes |
| 194 | San Emigdio fine sandy loam, 0 to 2 percent slopes |
| 195 | San Emigdio fine sandy loam, 2 to 9 percent slopes |
| 196 | San Emigdio fine sandy loam, moderately fine substratum, 0 to 2 percent slopes |
| 205 | Sorrento sandy loam, 0 to 2 percent slopes |
| 206 | Sorrento loam, 0 to 2 percent slopes |
| 207 | Sorrento loam, 2 to 9 percent slopes |
| 208 | Sorrento clay loam, 0 to 2 percent slopes |
| 209 | Sorrento clay loam, 2 to 9 percent slopes |

JPR Revised 10/7/80

WESTERN RIVERSIDE AREA

| Symbol | Name |
|---|---|
| AcC | Anza fine sandy loam, 2 to 8 percent slopes |
| AdA | Anza loam, 0 to 2 percent slopes |
| AdC | Anza loam, 2 to 8 percent slopes |
| AkC | Arbuckle loam, 2 to 8 percent slopes |
| AlC | Arbuckle gravelly loam, 2 to 8 percent slopes |
| AmC | Arbuckle gravelly clay loam, 2 to 8 percent slopes |
| AoA | Arlington fine sandy loam, deep, 0 to 2 percent slopes |
| AoC | Arlington fine sandy loam, deep, 2 to 8 percent slopes |
| ArB | Arlington loam, deep, 0 to 5 percent slopes |
| AuC | Auld clay, 2 to 8 percent slopes |
| BxC2 | Buren loam, deep, 2 to 8 percent slopes, eroded |
| CcC2 | Calpine sandy loam, 2 to 8 percent slopes, eroded |
| CdC2 | Calpine loam, 2 to 8 percent slopes, eroded |
| Ce[#] | Chino silt loam, drained |
| DaD2 | Delhi fine sand, 2 to 15 percent slopes, wind eroded |
| DbA | Delhi loamy fine sand, 0 to 2 percent slopes |
| DoA | Dello loamy fine sand, 0 to 2 percent slopes |
| EpA | Exeter sandy loam, deep, 0 to 2 percent slopes |
| EpC2 | Exeter sandy loam, deep, 2 to 8 percent slopes, eroded |
| EyB | Exeter very fine sandy loam, deep, 0 to 5 percent slopes |
| GaA | Garretson very fine sandy loam, 0 to 2 percent slopes |

WESTERN RIVERSIDE AREA continued

| Symbol | Name |
|---|---|
| GaC | Garretson very fine sandy loam, 2 to 8 percent slopes |
| GdA | Garretson gravelly very fine sandy loam, 0 to 2 percent slopes |
| GdC | Garretson gravelly very fine sandy loam, 2 to 8 percent slopes |
| GlC | Gorgonio loamy sand, deep, 2 to 8 percent slopes |
| GoB# | Grangeville loamy fine sand, drained, 0 to 5 percent slopes |
| GtA# | Grangeville fine sandy loam, drained, 0 to 2 percent slopes |
| GwA# | Grangeville fine sandy loam, loamy substratum, drained, 0 to 2 percent slopes |
| GyA | Greenfield sandy loam, 0 to 2 percent slopes |
| GyC2 | Greenfield sandy loam, 2 to 8 percent slopes, eroded |
| HaC | Hanford loamy fine sand, 0 to 8 percent slopes |
| HcA | Hanford coarse sandy loam, 0 to 2 percent slopes |
| HcC | Hanford coarse sandy loam, 2 to 8 percent slopes |
| HgA | Hanford fine sandy loam, 0 to 2 percent slopes |
| HhA2 | Hilmar loamy sand, 0 to 2 percent slopes, eroded |
| HlA* | Hilmar loamy very fine sand, 0 to 2 percent slopes |
| HlC* | Hilmar loamy very fine sand, 2 to 8 percent slopes |
| HnC | Honcut sandy loam, 2 to 8 percent slopes |
| HuC2 | Honcut loam, 2 to 8 percent slopes, eroded |
| MdC | Metz loamy sand, 2 to 8 percent slopes |

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* This unit is Prime Farmland only if reclaimed such that the electrical conductivity is less than 4 mmhos/cm.

WESTERN RIVERSIDE AREA continued

| Symbol | Name |
|---|---|
| MfA | Metz loamy fine sand, 0 to 2 percent slopes |
| MhB | Metz loamy fine sand, sandy loam substratum, 0 to 5 percent slopes |
| MoC | Mottsville loamy sand, 2 to 8 percent slopes |
| MsC | Mottsville sandy loam, 2 to 8 percent slopes |
| MsD | Mottsville sandy loam, 8 to 15 percent slopes |
| OkD | Oak Glen fine sandy loam, 5 to 15 percent slopes |
| PaA | Pachappa fine sandy loam, 0 to 2 percent slopes |
| PaC2 | Pachappa fine sandy loam, 2 to 8 percent slopes, eroded |
| PeC | Perkins loam, 2 to 8 percent slopes |
| PgB | Perkins gravelly loam, 2 to 5 percent slopes |
| PgC | Perkins gravelly loam, 5 to 8 percent slopes |
| PoC | Porterville clay, 0 to 8 percent slopes |
| RaA | Ramona sandy loam, 0 to 2 percent slopes |
| RaB2 | Ramona sandy loam, 2 to 5 percent slopes, eroded |
| RaB3 | Ramona sandy loam, 0 to 5 percent slopes, severely eroded |
| RaC2 | Ramona sandy loam, 5 to 8 percent slopes, eroded |
| RaC3 | Ramona sandy loam, 5 to 8 percent slopes, severely eroded |
| ReC2 | Ramona very fine sandy loam, 0 to 8 percent slopes, eroded |
| SeA | San Emigdio fine sandy loam, 0 to 2 percent slopes |
| SeC2 | San Emigdio fine sandy loam, 2 to 8 percent slopes, eroded |
| SfA | San Emigdio fine sandy loam, deep, 0 to 2 percent slopes |

WESTERN RIVERSIDE AREA continued

| Symbol | Name |
|---|---|
| SgA | San Emigdio loam, 0 to 2 percent slopes |
| SgC | San Emigdio loam, 2 to 8 percent slopes |
| VeC2 | Vallecitos loam, thick solum variant, 2 to 8 percent slopes, eroded |
| VlC2[#] | Visalia sandy loam, 0 to 8 percent slopes, eroded |
| VmA[#] | Visalia fine sandy loam, 0 to 2 percent slopes |
| VmC[#] | Visalia fine sandy loam, 2 to 8 percent slopes |
| WyC2 | Wyman loam, 2 to 8 percent slopes, eroded |
| *135* | *Capistrano sandy loam, 2 to 9 percent slopes* |
| *146* | *Corralitos loamy sand* |
| *147* | *Corralitos loamy sand, moderately fine substratum* |
| *155* | *Garretson gravelly very fine sandy loam, 2 to 9 percent slopes* |
| *156* | *Hanford sandy loam, 2 to 9 percent slopes* |
| *163* | *Metz loamy sand* |
| *169* | *Modjeska gravelly loam, 2 to 9 percent slopes* |
| *186* | *Ramona fine sandy loam, 2 to 9 percent slopes* |
| *196* | *San Emigdio fine sandy loam, moderately fine substratum, 0 to 2 percent slopes* |
| *Cb* | *Chino silt loam* |
| *CkA* | *Chualar clay loam, 0 to 2 percent slopes* |
| *Co* | *Clayey alluvial land* |
| *Db* | *Delhi fine sand* |
| *Gr* | *Grangeville fine sandy loam* |
| *GtC* | *Greenfield sandy loam, 2 to 9 percent slopes* |

WESTERN RIVERSIDE AREA continued

| Symbol | Name |
|---|---|
| *Hr* | *Hilmar loamy fine sand* |
| *SbC* | *San Emigdio gravelly sandy loam, 2 to 9 percent slopes* |
| *VaB* | *Visalia sandy loam, 2 to 5 percent slopes* |
| *VaC* | *Visalia sandy loam, 5 to 9 percent slopes* |

[#] Prime farmland if drained.

Revised 3/12/81; NRCS - 6/9/93

PALO VERDE AREA

| Symbol | Name |
|---|---|
| Ac | Aco gravelly loamy sand |
| Af | Aco sandy loam |
| Gb | Gilman fine sandy loam |
| Gc | Gilman silty clay loam |
| Ge | Glenbar silty clay loam |
| Hb[*] | Holtville fine sandy loam |
| Hc[*] | Holtville silty clay |
| Id[*] | Indio very fine sandy loam |
| Ie[*] | Indio silty clay loam |
| Oc[*] | Orita fine sand |
| Og[*] | Orita gravelly loamy sand |
| Or[*] | Orita gravelly fine sandy loam |
| Rb[*] | Ripley very fine sandy loam |
| Rc[*] | Ripley silty clay loam |

PALO VERDE AREA continued

| Symbol | Name |
|---|---|
| RoA | Rositas fine sand, 0 to 2 percent slopes |
| RoB | Rositas fine sand, 2 to 9 percent slopes |
| RtA | Rositas silty clay loam, 0 to 2 percent slopes |
| *9*[#] | *Gadsden clay* |
| *9A*[#] | *Gadsden loam* |
| *36*[#] | *Indio silt loam* |

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* This unit is Prime Farmland only if reclaimed such that the electrical conductivity is less than 4 mmhos/cm.

[#] Prime Farmland if either protected from flooding or not frequently flooded during the growing season.

Revised 10/22/80; NRCS - 6/9/93

COACHELLA VALLEY AREA

| Symbol | Name |
|---|---|
| CpA[**] | Coachella fine sand, 0 to 2 percent slopes |
| CpB[**] | Coachella fine sand, hummocky, 2 to 5 percent slopes |
| CrA[**] | Coachella fine sand, wet, 0 to 2 percent slopes |
| CsA | Coachella fine sandy loam, 0 to 2 percent slopes |
| GaB[**] | Gilman loamy fine sand, 0 to 5 percent slopes |
| GbA | Gilman fine sandy loam, 0 to 2 percent slopes |
| GbB | Gilman fine sandy loam, 2 to 5 percent slopes |
| GcA | Gilman fine sandy loam, wet, 0 to 2 percent slopes |
| GdA[*] | Gilman fine sandy loam, moderately fine substratum, 0 to 2 percent slopes |

COACHELLA VALLEY AREA continued

| Symbol | Name |
|---|---|
| GeA | Gilman silt loam, 0 to 2 percent slopes |
| GfA | Gilman silt loam, wet, 0 to 2 percent slopes |
| Ip | Indio fine sandy loam |
| Ir | Indio fine sandy loam, wet |
| Is | Indio very fine sandy loam |
| It | Indio very fine sandy loam, wet |
| MaB** | Myoma fine sand, 0 to 5 percent slopes |
| MaD** | Myoma fine sand, 5 to 15 percent slopes |
| McB** | Myoma fine sand, wet, 0 to 5 percent slopes |
| TsB** | Tujunga loamy fine sand, 0 to 5 percent slopes |

* This unit is Prime Farmland only if reclaimed such that the electrical conductivity is less than 4 mmhos/cm.

** Although this unit is Prime Farmland, it has a high "soil blowing hazard".

Note: Soils MaB, MaD, and McB have been moved from the Soils of Statewide Importance list per NRCS letter of 6/24/93.

Revised 10/22/80; NRCS - 6/9/93

SAN DIEGO AREA

| Symbol | Name |
|---|---|
| AtC | Altamont clay, 5 to 9 percent slopes |
| AwC | Auld clay, 5 to 9 percent slopes |
| BuB | Bull Trail sandy loam, 2 to 5 percent slopes |
| BuC | Bull Trail sandy loam, 5 to 9 percent slopes |
| CaB | Calpine coarse sandy loam, 2 to 5 percent slopes |

SAN DIEGO AREA continued

| Symbol | Name |
|---|---|
| CaC | Calpine coarse sandy loam, 5 to 9 percent slopes |
| ChA | Chino fine sandy loam, 0 to 2 percent slopes |
| ChB | Chino fine sandy loam, 2 to 5 percent slopes |
| CkA | Chino silt loam, saline, 0 to 2 percent slopes |
| Co | Clayey alluvial land |
| CsB | Corralitos loamy sand, 0 to 5 percent slopes |
| CsC | Corralitos loamy sand, 5 to 9 percent slopes |
| EdC | Elder shaly fine sandy loam, 2 to 9 percent slopes |
| FaB | Fallbrook sandy loam, 2 to 5 percent slopes |
| FaC | Fallbrook sandy loam, 5 to 9 percent slopes |
| GoA | Grangeville fine sandy loam, 0 to 2 percent slopes |
| GrA | Greenfield sandy loam, 0 to 2 percent slopes |
| GrB | Greenfield sandy loam, 2 to 5 percent slopes |
| GrC | Greenfield sandy loam, 5 to 9 percent slopes |
| HoC | Holland fine sandy loam, deep, 2 to 9 percent slopes |
| InA | Indio silt loam, 0 to 2 percent slopes |
| InB | Indio silt loam, 2 to 5 percent slopes |
| IsA | Indio silt loam, dark variant |
| Lu | Loamy alluvial land |
| MlC | Marina loamy coarse sand, 2 to 9 percent slopes |
| MnA | Mecca coarse sandy loam, 0 to 2 percent slopes |
| MnB | Mecca coarse sandy loam, 2 to 5 percent slopes |

SAN DIEGO AREA continued

| Symbol | Name |
|---|---|
| MpA2 | Mecca fine sandy loam, 0 to 2 percent slopes, eroded |
| RaA | Ramona sandy loam, 0 to 2 percent slopes |
| RaB | Ramona sandy loam, 2 to 5 percent slopes |
| RkA | Reiff fine sandy loam, 0 to 2 percent slopes |
| RkB | Reiff fine sandy loam, 2 to 5 percent slopes |
| SbA | Salinas clay loam, 0 to 2 percent slopes |
| SbC | Salinas clay loam, 2 to 9 percent slopes |
| ScA | Salinas clay, 0 to 2 percent slopes |
| ScB | Salinas clay, 2 to 5 percent slopes |
| VaA | Visalia sandy loam, 0 to 2 percent slopes |
| VaB | Visalia sandy loam, 2 to 5 percent slopes |
| VaC | Visalia sandy loam, 5 to 9 percent slopes |
| VbB | Visalia gravelly sandy loam, 2 to 5 percent slopes |
| VbC | Visalia gravelly sandy loam, 5 to 9 percent slopes |
| WmB | Wyman loam, 2 to 5 percent slopes |
| *207* | *Sorrento loam, 2 to 9 percent slopes* |
| *HcC* | *Hanford coarse sandy loam, 2 to 8 percent slopes* |

JPR Revised 4/10/80

retyped: 8/1/95

**RIVERSIDE COUNTY**
**FARMLAND OF STATEWIDE**
**IMPORTANCE SOILS**

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
DAVIS, CALIFORNIA 95616

THESE SOIL MAPPING UNITS MEET THE CRITERIA FOR FARMLAND OF STATEWIDE IMPORTANCE AS OUTLINED IN THE U.S. DEPARTMENT OF AGRICULTURE'S LAND INVENTORY AND MONITORING (LIM) PROJECT FOR THE ORANGE COUNTY AND WESTERN PART OF RIVERSIDE COUNTY; WESTERN RIVERSIDE AREA; PALO VERDE AREA; RIVERSIDE COUNTY, COACHELLA VALLEY AREA; AND SAN DIEGO AREA SOIL SURVEYS.

ORANGE COUNTY AND WESTERN PART OF RIVERSIDE COUNTY

| Symbol | Name |
|---|---|
| 100 | Alo clay, 9 to 15 percent slopes |
| 103 | Alo variant clay, 9 to 15 percent slopes |
| 131 | Botella loam, 2 to 9 percent slopes |
| 136 | Capistrano sandy loam, 9 to 15 percent slopes |
| 167 | Mocho loam, 2 to 9 percent slopes |
| 170 | Modjeska gravelly loam, 9 to 15 percent slopes |
| 178 | Myford sandy loam, thick surface, 0 to 2 percent slopes |
| 179 | Myford sandy loam, thick surface, 2 to 9 percent slopes |
| 182 | Omni silt loam, drained |
| 183 | Omni clay |
| 184 | Omni clay, drained |
| 210 | Thapto-Histic Fluvaquents |
| *CnCwr* | *Cortina gravelly coarse sandy loam, 2 to 8 percent slopes* |

JPR 10/7/80

WESTERN RIVERSIDE AREA

| Symbol | Name |
|---|---|
| AaD | Altamont clay, 5 to 15 percent slopes |
| AnC | Arlington fine sandy loam, 2 to 8 percent slopes |
| ApB | Arlington loam, 2 to 5 percent slopes |
| AtC2 | Arlington and Greenfield fine sandy loams, 2 to 8 percent slopes, eroded |
| BfC | Bosanko clay, 2 to 8 percent slopes |
| BhA | Buchenau loam, slightly saline-alkali, 0 to 2 percent slopes |
| BhC | Buchenau loam, slightly saline-alkali, 2 to 8 percent slopes |
| BkC2 | Buchenau silt loam, 2 to 8 percent slopes, eroded |
| BsC2 | Bull Trail sandy loam, 5 to 8 percent slopes, eroded |
| BuC2 | Buren fine sandy loam, 2 to 8 percent slopes, eroded |
| CaC2 | Cajalco fine sandy loam, 2 to 8 percent slopes, eroded |
| CcD2 | Calpine sandy loam, 8 to 15 percent slopes, eroded |
| Cf | Chino silt loam, drained, saline-alkali |
| ClC | Cortina gravelly loamy sand, 2 to 8 percent slopes |
| CnC | Cortina gravelly coarse sandy loam, 2 to 8 percent slopes |
| DpB | Dello loamy fine sand, saline-alkali, 0 to 5 percent slopes |
| Ds2 | Domino fine sandy loam, eroded |
| Dt | Domino fine sandy loam, saline-alkali |
| Du | Domino silt loam |
| Dv | Domino silt loam, saline-alkali |

WESTERN RIVERSIDE AREA continued

| Symbol | Name |
|---|---|
| EcC2 | Escondido fine sandy loam, 2 to 8 percent slopes, eroded |
| EnA | Exeter sandy loam, 0 to 2 percent slopes |
| EnC2 | Exeter sandy loam, 2 to 8 percent slopes, eroded |
| EoB | Exeter sandy loam, slightly saline-alkali, 0 to 5 percent slopes |
| EwB | Exeter very fine sandy loam, 0 to 5 percent slopes |
| FaD2 | Fallbrook sandy loam, 8 to 15 percent slopes, eroded |
| FfC2 | Fallbrook fine sandy loam, 2 to 8 percent slopes, eroded |
| GhC | Gorgonio loamy sand, 0 to 8 percent slopes |
| GhD | Gorgonio loamy sand, 8 to 15 percent slopes |
| GpB | Grangeville sandy loam, drained, saline-alkali, 0 to 5 percent slopes |
| GrB | Grangeville sandy loam, sandy substratum, drained, 0 to 5 percent slopes |
| GsB | Grangeville sandy loam, sandy substratum, drained, saline-alkali, 0 to 5 percent slopes |
| GuB | Grangeville fine sandy loam, poorly drained, saline-alkali, 0 to 5 percent slopes |
| GvB | Grangeville fine sandy loam, saline-alkali, 0 to 5 percent slopes |
| GxA | Grangeville fine sandy loam, loamy substratum, drained, saline-alkali, 0 to 2 percent slopes |
| GyD2 | Greenfield sandy loam, 8 to 15 percent slopes, eroded |
| HcD2 | Hanford coarse sandy loam, 8 to 15 percent slopes, eroded |
| HeC2 | Hanford coarse sandy loam, deep, 2 to 8 percent slopes, eroded |
| HnD2 | Honcut sandy loam, 8 to 15 percent slopes, eroded |

WESTERN RIVERSIDE AREA continued

| Symbol | Name |
|---|---|
| LaC | Las Posas loam, 2 to 8 percent slopes |
| LaC2 | Las Posas loam, 5 to 8 percent slopes, eroded |
| MaA | Madera fine sandy loam, 0 to 2 percent slopes |
| MaB2 | Madera fine sandy loam, 2 to 5 percent slopes, eroded |
| MlD | Metz gravelly sandy loam, 2 to 15 percent slopes |
| MmB | Monserate sandy loam, 0 to 5 percent slopes |
| MmC2 | Monserate sandy loam, 5 to 8 percent slopes, eroded |
| MmD2 | Monserate sandy loam, 8 to 15 percent slopes, eroded |
| MoD | Mottsville loamy sand, 8 to 15 percent slopes |
| OgD | Oak Glen gravelly sandy loam, 8 to 15 percent slopes |
| PsC | Porterville clay, moderately deep, 2 to 8 percent slopes |
| PtB | Porterville clay, moderately deep, slightly saline-alkali, 0 to 5 percent slopes |
| PvD2 | Porterville gravelly clay, moderately deep, 2 to 15 percent slopes, eroded |
| RfC2 | Ramona very fine sandy loam, moderately deep, 0 to 8 percent slopes, eroded |
| Tp2 | Traver loamy fine sand, eroded |
| Tr2 | Traver loamy fine sand, saline-alkali, eroded |
| Ts | Traver fine sandy loam, saline-alkali |
| TwC | Tujunga gravelly loamy sand, 0 to 8 percent slopes |
| VsC | Vista coarse sandy loam, 2 to 8 percent slopes |

WESTERN RIVERSIDE AREA continued

| Symbol | Name |
|---|---|
| Wa | Waukena loamy fine sand, saline-alkali |
| Wb | Waukena fine sandy loam, saline-alkali |
| Wd | Waukena loam, saline-alkali |
| Wf | Willows silty clay |
| Wg | Willows silty clay, saline-alkali |
| Wm | Willows silty clay, deep, saline-alkali |
| YrD2 | Ysidora very fine sandy loam, 2 to 15 percent slopes, eroded |
| YsC2 | Ysidora gravelly very fine sandy loam, 2 to 8 percent slopes, eroded |
| *170* | *Modjeska gravelly loam, 9 to 15 percent slopes* |
| *Gs* | *Grangeville fine sandy loam, saline-alkali* |
| *WmC* | *Wyman loam, 5 to 9 percent slopes* |

Revised RLW 3/12/81; NRCS - 6/17/93

PALO VERDE AREA

| Symbol | Name |
|---|---|
| Co | Cibola fine sandy loam |
| Cs | Cibola silty clay loam |
| Ib | Imperial fine sandy loam |
| Ic | Imperial silty clay |
| Md | Meloland fine sandy loam |
| Me | Meloland silty clay loam |
| RsA | Rositas gravelly loamy sand, 0 to 2 percent slopes |

Revised RLW 3/12/81; NRCS - 6/17/93

COACHELLA VALLEY AREA

| Symbol | Name |
|---|---|
| IeA | Imperial silty clay, 0 to 2 percent slopes |
| IfA | Imperial silty clay, wet, 0 to 2 percent slopes |
| NaB | Niland sand, 2 to 5 percent slopes |
| NbB* | Niland sand, wet, 2 to 5 percent slopes |
| Sa | Salton fine sandy loam |
| Sb | Salton silty clay loam |
| TpE | Tujunga fine sand, 5 to 30 percent slopes |
| TrC | Tujunga gravelly loamy sand, 0 to 9 percent slopes |

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* If irrigated, this soil is suitable for most irrigated crops grown in the area.

Note: Soils MaB (Myoma fine sand, 0 to 5 percent slopes), MaD (Myoma fine sand, 5 to 15 percent slopes) and McB (Myoma fine sand, wet, 0 to 5 percent slopes) have been moved to the Prime Farmland Soils list per NRCS letter of 6/24/93.

RLW 10/22/80; NRCS - 6/9/93

SAN DIEGO AREA

| Symbol | Name |
|---|---|
| AtD | Altamont clay, 9 to 15 percent slopes |
| AtD2 | Altamont clay, 9 to 15 percent slopes, eroded |
| AuC | Anderson very gravelly sandy loam, 5 to 9 percent slopes |
| AvC | Arlington coarse sandy loam, 2 to 9 percent slopes |
| BlC | Bonsall sandy loam, 2 to 9 percent slopes |
| BlC2 | Bonsall sandy loam, 2 to 9 percent slopes, eroded |

SAN DIEGO AREA continued

| Symbol | Name |
|---|---|
| BlD2 | Bonsall sandy loam, 9 to 15 percent slopes, eroded |
| BmC | Bonsall sandy loam, thick surface, 2 to 9 percent slopes |
| BnB | Bonsall-Fallbrook sandy loams, 2 to 5 percent slopes |
| BoC | Boomer loam, 2 to 9 percent slopes |
| BsC | Bosanko clay, 2 to 9 percent slopes |
| CaC2 | Calpine coarse sandy loam, 5 to 9 percent slopes, eroded |
| CaD2 | Calpine coarse sandy loam, 9 to 15 percent slopes, eroded |
| CbB | Carlsbad gravelly loamy sand, 2 to 5 percent slopes |
| CbC | Carlsbad gravelly loamy sand, 5 to 9 percent slopes |
| CbD | Carlsbad gravelly loamy sand, 9 to 15 percent slopes |
| CfB | Chesterton fine sandy loam, 2 to 5 percent slopes |
| CfC | Chesterton fine sandy loam, 5 to 9 percent slopes |
| CfD2 | Chesterton fine sandy loam, 9 to 15 percent slopes, eroded |
| CsD | Corralitos loamy sand, 9 to 15 percent slopes |
| DaC | Diablo clay, 2 to 9 percent slopes |
| DaD | Diablo clay, 9 to 15 percent slopes |
| EsC | Escondido very fine sandy loam, 5 to 9 percent slopes |
| EvC | Escondido very fine sandy loam, deep, 5 to 9 percent slopes |
| FaC2 | Fallbrook sandy loam, 5 to 9 percent slopes, eroded |
| GrD | Greenfield sandy loam, 9 to 15 percent slopes |

SAN DIEGO AREA continued

| Symbol | Name |
|---|---|
| HmD | Holland fine sandy loam, 5 to 15 percent slopes |
| HrC | Huerhuero loam, 2 to 9 percent slopes |
| HrC2 | Huerhuero loam, 5 to 9 percent slopes, eroded |
| IoA | Indio silt loam, saline, 0 to 2 percent slopes |
| KcC | Kitchen Creek loamy coarse sand, 5 to 9 percent slopes |
| KcD2 | Kitchen Creek loamy coarse sand, 9 to 15 percent slopes, eroded |
| LeC | Las Flores loamy fine sand, 2 to 9 percent slopes |
| LeC2 | Las Flores loamy fine sand, 5 to 9 percent slopes, eroded |
| LeD | Las Flores loamy fine sand, 9 to 15 percent slopes |
| LeD2 | Las Flores loamy fine sand, 9 to 15 percent slopes, eroded |
| LpB | Las Posas fine sandy loam, 2 to 5 percent slopes |
| LpC | Las Posas fine sandy loam, 5 to 9 percent slopes |
| LpC2 | Las Posas fine sandy loam, 5 to 9 percent slopes, eroded |
| MoA | Mecca sandy loam, saline, 0 to 2 percent slopes |
| MvA | Mottsville loamy coarse sand, 0 to 2 percent slopes |
| MvC | Mottsville loamy coarse sand, 2 to 9 percent slopes |
| MvD | Mottsville loamy coarse sand, 9 to 15 percent slopes |
| PeA | Placentia sandy loam, 0 to 2 percent slopes |
| PeC | Placentia sandy loam, 2 to 9 percent slopes |
| PeC2 | Placentia sandy loam, 5 to 9 percent slopes, eroded |

SAN DIEGO AREA continued

| Symbol | Name |
|---|---|
| PfA | Placentia sandy loam, thick surface, 0 to 2 percent slopes |
| PfC | Placentia sandy loam, thick surface, 2 to 9 percent slopes |
| RaC | Ramona sandy loam, 5 to 9 percent slopes |
| RaC2 | Ramona sandy loam, 5 to 9 percent slopes, eroded |
| RkC | Reiff fine sandy loam, 5 to 9 percent slopes |
| RoA | Rositas fine sand, 0 to 2 percent slopes |
| RrC | Rositas fine sand, hummocky, 5 to 9 percent slopes |
| RsA | Rositas loamy coarse sand, 0 to 2 percent slopes |
| RsC | Rositas loamy coarse sand, 2 to 9 percent slopes |
| RsD | Rositas loamy coarse sand, 9 to 15 percent slopes |
| SuA | Stockpen gravelly clay loam, 0 to 2 percent slopes |
| SuB | Stockpen gravelly clay loam, 2 to 5 percent slopes |
| TuB | Tujunga sand, 0 to 5 percent slopes |
| VsC | Vista coarse sandy loam, 5 to 9 percent slopes |
| WmC | Wyman loam, 5 to 9 percent slopes |
| *136* | *Capistrano sandy loam, 9 to 15 percent slopes* |
| *FfC2* | *Fallbrook fine sandy loam, 2 to 8 percent slopes, eroded* |
| *HcD2* | *Hanford coarse sandy loam, 8 to 15 percent slopes, eroded* |
| *MmD2* | *Monserate sandy loam, 8 to 15 percent slopes, eroded* |

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